

omitted from the application as filed; consequently the omitted Figure is being submitted with the response, along with suggested corrections to Fig. 1, for approval by the Examiner.

Figure 4 does not add new matter since it merely illustrates and conforms to the description contained in the specification at pages 20-23 (37 CFR 1.118(a)). The correspondence between the material shown in Fig. 4 and the specification is state below for the convenience of the Examiner:

As described in the specification at page 20, line 12 et seq., Fig. 4 is a modified version of Figure 1, and differs from that Fig. 1 in that it adds a data compressor 34 and decompressor 35 connected as described at page 21, lines 16-24; an error control coder 36 and 37 connected in the transmission line 13 at the transmitter and receiver respectively as described at page 22, lines 5-12; a pseudo-random number generator 38 and a conductor 39 are connected to the block counter 21 as described at page 22, line 13 to page 23, line 1; a corresponding random number generator 40 is connected to the counter 29 at the receiving station as described at page 23, lines 1-7; a key memory 50 is connected to supply seed values to the number generators 23 and 38 at the transmitting station as described at page 23, lines 8-12; and a corresponding key memory 60 is connected to the generators 27 and 40 at the receiving station as described at page 23, lines 11-15.

The Examiner's approval to the addition of Fig. 4 and corrections to Fig. 1, as shown in red on the separate paper attached, is accordingly requested.

THE ABSTRACT

An abstract of the disclosure, also presented on a separate sheet, is attached as required by the Examiner.

THE INDEFINITENESS REJECTION

All of the claims which were rejected for indefiniteness have been canceled by this response and replaced by newly added claims 8-12. These claims have substantially the

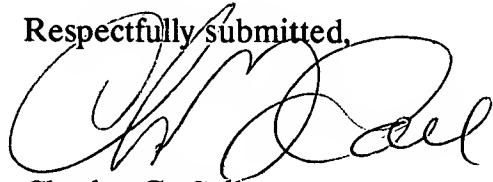
same scope, but have been rewritten in an effort to correct the numerous points of indefiniteness noted by the Examiner. It is believed that these claims specifically points out and distinctly claims applicant's invention as required by 35 USC 112 and are allowable.

The references noted as being of interest by the Examiner have been reviewed. As the Examiner has noted, none of these references suggests or discloses an arrangement for encrypting and decrypting transmitted information in accordance with a pseudo-random sequence of encryption keys which are modified in response to a characteristic of the data being transmitted.

Accordingly, allowance of claims 8-12 is requested.

Dated: December 1, 1992

Respectfully submitted,

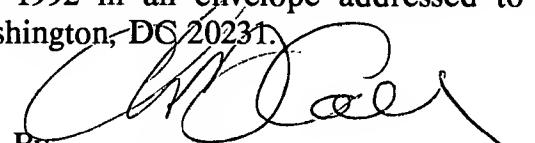


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I hereby certify that this Amendment is being deposited with the United States Postal Service as First Class Mail on December 1, 1992 in an envelope addressed to The Commissioner of Patents and Trademarks, Washington, DC 20231.

12/1/92
Date of Signature

By



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